



NORBOND®

V2800 Series

Providing durable, long-lasting security

Black, closed cell polyurethane foam tape.

NORBOND® V2800 series bonding tapes combine a **black polyurethane foam substrate with a high performance, pressure-sensitive acrylic adhesive** on both sides. The foam substrate allows energy and stress in the joint to be dissipated over the entire bond. NORBOND® 2800 is an ideal choice for **severe exterior bonding applications**. The product is durable in all weather conditions, and provides resistance against UV light, extreme temperatures, fungi, oxidation and ozone.

The V2800 series is specially designed to provide the following features:

- Stress distribution reduces pressure points, thereby minimizing distortion
- High-performance, durable acrylic adhesive provides a strong, long-lasting bond
- Conformable, closed-cell polyurethane foam has excellent environmental resistance
- Prevents corrosion of dissimilar materials by eliminating the contact between them
- Standard polypropylene liner excels in automated production



Applications

- Window decoration bars
- Emblems and ornamentation
- Trailer roof bows
- Panel stiffeners
- Signs and nameplates
- Weather stripping
- Body side molding
- Composite panels



SAINT-GOBAIN

NORBOND® V2800 Series – Properties

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

Thickness (mm) x Length (m) : 0.8 x 100 - 1.2 x 61 - 1.6 x 61 - 2.3* x 61 - 3.0 x 30.5
Widths: 6 mm to 1422 mm
Cores: 3" ID
Colour : Black

* These are not stock items. Please ask for a lead time

Options (subject to minimum order requirements)

Liner: Powder-blue polypropylene liner is standard. Other liners may be available with minimum order requirement.

Important Instructions

Because Saint-Gobain cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions prior to commercial use.

Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface.

Apply a uniform pressure of 15 psi (103 kPa) to promote good contact between the material to be bonded and the tape.

The **application temperature** should be between 16°C to 52°C (60°F and 125°F). It is not recommended to apply these tapes at temperatures below 16°C (60°F), as the adhesive does not flow in this condition and can result in poor bonding.

Recommended **service temperature** is between -40°C to 93°C (-40°F to 200°F).

The adhesion between the substrate and the tape increases with time, typically reaching final bond strength in 72 hours.

Heating the product above 40°C (105°F) will accelerate the adhesion process.

Shelf Life

12 months after the date of sales when stored in original packaging at temperatures up to 21°C (70°F) and 50% relative humidity.

Property	Value	Test Method
Density (kg/m ³)	480	ASTM D-1667
180 ° peel adhesion (N/m) 15 min. dwell	1181	PSTC-3
Dynamic shear adhesion (kPa) 72 hrs dwell stainless steel to paint	827	NTP-5
Dynamic tensile adhesion (kPa) 24 hrs dwell aluminum to paint	689	NTP-11
Tensile strength of foam (kPa)	896	ASTM D-412 Die C
Elongation of foam (%)	275	ASTM D-412 Die C
Water absorption (% of weight)	5	NTP-36

NTP is Norton Test Procedure



Need more adhesion? Stick with NORBOND® Adhesion Promoters

NORBOND® adhesion promoters are designed to work in conjunction with acrylic, pressure-sensitive adhesive systems (such as those used on NORBOND® mounting tapes). NORBOND® adhesion promoters improve bonding on substrates that resist adhesion. They can be used to develop an immediate quick-stick and generally improves pressure-sensitive acrylic adhesive systems. This enhances adhesion to irregular and curved surfaces. Various formulations are available for specific substrates.

NORBOND is a registered trademark of Saint-Gobain Performance Plastics. V2800 was formerly branded as Normount.



Saint-Gobain Performance Plastics

Avenue du Parc 18
4650 Chaineux (Belgium)

Phone: +32/87 32 20 11
Fax: +32/87 32 20 51

foams@saint-gobain.com
www.foams.saint-gobain.eu

The data and details in this document were correct and up-to-date at the time of printing and are intended to provide information on our products and their possible applications. It is the user's responsibility to obtain the latest version of the product data sheet. This data sheet is not a specification and does not assure specific product characteristics or make reference to the suitability of the product for a specific application. Because Saint-Gobain cannot anticipate or control every application, we strongly recommend testing of this product under individual application conditions. The application, use and conversion of this product are the user's responsibility.

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s).

SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

NOTE: Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.